

Title (en)  
Device for providing an alternating current

Title (de)  
Vorrichtung zum Stellen von Wechselstrom

Title (fr)  
Circuit fournissant un courant alternatif

Publication  
**EP 1526633 B1 20110921 (DE)**

Application  
**EP 04022544 A 20040922**

Priority  
DE 20316088 U 20031021

Abstract (en)  
[origin: EP1526633A2] The regulator has two voltage supply stages [1,2] connected in series. The first stage has a transformer [7] with the secondary winding [S7] connected to the secondary [S8] of the second transformer. The secondary stage has a power regulator [5] in the form of bipolar transistors [12] connected to a control stage [14] and connects with the output transformer [8].

IPC 8 full level  
**H02M 5/293** (2006.01); **H02M 5/458** (2006.01)

CPC (source: EP)  
**H02M 5/293** (2013.01); **H02M 1/0077** (2021.05); **H02M 1/0093** (2021.05)

Cited by  
FR2887375A1; CN106160502A; FR2893788A1; CN102291006A; FR2958814A1; US11018623B2; WO2007057619A1; US9853565B2; US10992238B2; US9960731B2; US11579235B2; US11961922B2; US9876430B2; US10673229B2; US11070051B2; US11489330B2; US10461687B2; US10468878B2; US10693415B2; US11183969B2; US11296650B2; US11424616B2; US11264947B2; US11687112B2; US11894806B2; US9680304B2; US9948233B2; US10097007B2; US11063440B2; US11962243B2; US9644993B2; US9923516B2; US10381977B2; US11002774B2; US11073543B2; US11183968B2; US11598652B2; US11620885B2; US9935458B2; US10637393B2; US11271394B2; US11476799B2; US11996488B2; US9639106B2; US9866098B2; US10007288B2; US10666125B2; US11205946B2; US11881814B2; US9853490B2; US9941813B2; US11545912B2; US11742777B2; US9673711B2; US9960667B2; US10116217B2; US10516336B2; US11031861B2; US11309832B2; US11575260B2; US11575261B2; US11594968B2; US11594882B2; US11594881B2; US11594880B2; US11658482B2; US11735910B2; US9647442B2; US9853538B2; US9869701B2; US10447150B2; US10673222B2; US10931228B2; US10969412B2; US11183922B2; US11349432B2; US11867729B2; US12003215B2; US10115841B2; US10396662B2; US10778025B2; US10931119B2; US11177663B2; US11177768B2; US11201476B2; US11728768B2; US11870250B2; US11979037B2; US12003107B2; US9831824B2; US9979280B2; US10230310B2; US10644589B2; US10886832B2; US10886831B2; US11183923B2; US11296590B2; US11632058B2; US11693080B2; US9812984B2; US9819178B2; US9966766B2; US10230245B2; US10608553B2; US10651647B2; US10673253B2; US11043820B2; US11424617B2; US11682918B2; US11888387B2; US11929620B2

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BE DE FR GB IT

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**DE 20316088 U1 20031218**; EP 1526633 A2 20050427; EP 1526633 A3 20060531; EP 1526633 B1 20110921

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